

MICHIGAN
DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION
FOR
SUBSTRUCTURE CONCRETE SEALERS
HORIZONTAL SURFACE

C&T:DEB

1 of 1

REVISED:01-09-02
C&T:APPR:JTL:GJB:09-01-99

a. Description.-This specification covers requirements for and application of penetrating epoxy resin based concrete sealers to be used for coating the top horizontal surface of concrete pier caps, abutment bridge seats, and other locations as specified on the plans. The 1996 Standard Specifications for Construction shall apply except as modified herein.

b. Materials.-The qualified for use two-component epoxy penetrating concrete sealers are:

<u>Company / Product</u>	<u>Phone No.</u>	
Polycarb / Mark 124		248-366-9897
Symons / Res Con 130		248-478-2026
Master Builders / Masterseal GP		800-924-6400
E-Bond / E-Bond 120	954-566-6555	
Conspec / Spec-seal		800-348-7351
Tamms / Dural 363 (Federal color gray #16376)		248-960-7424

c. Construction Methods.-Surface preparation and application shall be according to manufacturer's recommendations, except as modified by this specification.

1. Surface Preparation.-All concrete to be sealed must be at least 28 days old. All surfaces to receive the concrete sealer shall be dry and free from contamination such as oil, grease, latence, and curing compounds. Light abrasive blasting followed by oil-free compressed air cleaning is required. Water blasting or wire brushing is not permitted.

2. Application.-Application procedures and rates shall be according to manufacturer's recommendations.

d. Measurement and Payment.-

Contract Item (Pay Item)	Pay Unit
Substructure Horizontal Surface Sealer	lump sum

Payment for **Substructure Horizontal Surface Sealer** includes all labor, equipment, and materials to prepare the substrate concrete surface and apply two coats of sealer according to this specification. Measurement of **Substructure Horizontal Surface Sealer** will be

based on plan quantity plus or minus known agreed to changes. No compensation will be made to the Contractor for surplus materials.